

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2003015086 A

(43) Date of publication of application: 15.01.03

(51) Int. Cl.

G02B 27/28
G02F 1/13
G02F 1/1335
G02F 1/13357
G02F 1/13363
G03B 21/00

(21) Application number: 2001200015

(22) Date of filing: 29.06.01

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(54) REFLECTION TYPE PROJECTING DEVICE

(57) Abstract:

PROBLEM TO BE SOLVED: To appropriately carry out light separation and composition in a projecting device using a reflection type optical modulation element.

SOLUTION: The reflection type projecting device 30 separates light emitted from a lamp 10 by using a first optical retardation film 15, a first polarizing beam splitter 16, a second polarizing beam splitter 17 and a second optical retardation film 18, respectively, and guides the separated light to a first liquid crystal panel 18, a second liquid crystal panel 21 and a third liquid crystal panel 22 corresponding to each light. Each light modulated by the first liquid crystal panel 18, the second liquid crystal panel 21 and the third liquid crystal panel 22 is composited by a fourth polarizing beam splitter 24, and a video is magnified and projected by using a projection lens 26.

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